

**NOTICE OF INTENT TO ADOPT A
MITIGATED NEGATIVE DECLARATION**
(State Guidelines § 15072)

TO: [X] Orange County Clerk-Recorder
12 Civic Center Plaza, Room 101
Santa Ana, CA 92701

FROM: [X] Trabuco Canyon Water District
32003 Dove Canyon Dr.
Trabuco Canyon, CA 92679

The Trabuco Canyon Water District ("TCWD") is preparing a Mitigated Negative Declaration for the Project described below. A Draft Mitigated Negative Declaration is on file at TCWD's business offices (at the address listed above) ("Business Offices") and is available for public inspection. A Notice of Intent to Adopt the Mitigated Negative Declaration will be published and filed with the Orange County Clerk on or before December 23, 2011, stating that the TCWD Board of Directors ("Board") would be considering the Mitigated Negative Declaration for approval or disapproval at a Board meeting scheduled for January 18, 2012, to be conducted at the Board meeting room located at the TCWD Business Offices. Written comments from members of the public, or other interested parties, on the Mitigated Negative Declaration will be received by TCWD from December 23, 2011 through January 12, 2012. Written comments received after this time may not be considered.

The Board will be considering the Mitigated Negative Declaration at the Board's January 18, 2012 meeting, at 7:00 PM, or as soon thereafter as possible, at the following location:

**Trabuco Canyon Water District
32003 Dove Canyon Drive
Trabuco Canyon, CA 92679**

Oral comments will also be received at the public meeting held by the Board on January 18, 2012.

The project consists of the following:

Project Name: **Dove Reservoir/Trabuco Reservoir Intertie Project**

General Project Location: City: **Trabuco Canyon** County: **Orange**

Specific Project Location: **Vicinity of Trabuco Canyon, California between Robinson Ranch and Dove Canyon, in a general .5 miles radius of 33° 38' 43.77", -117° 33' 42.78. Diagrams and depictions of the Project location may be viewed on the Internet on the District's website located at: <http://www.tcwd.ca.gov>**

Description of Nature, Purpose and Beneficiaries of Project:

The Dove Reservoir/Trabuco Reservoir Intertie Project ("Project") principally involves a water transmission pipeline and supporting infrastructure project. The Project is a water reliability project that will also provide a source of water for fire suppression purposes to areas between the end of Brookseed Drive, in Robinson Ranch, and the Dove Reservoir, located in the Dove Canyon Development Area, in those areas depicted in Figures 1-1 through 1-5. The Project will improve water supply and operations to the Dove Canyon Community.

Construction of the Project consists of approximately 3,500 feet of 10-inch high-density polyethylene pipeline with isolation valves, up to 5 fire hydrants, and a pressure sustaining/reducing valve located at the Dove Reservoir site. Construction of the project will be (1) beneath an existing graded, but unpaved access road, which extends from Brookseed Drive to the Dove Canyon Reservoir, and (2) within an existing driveway and roadway easement that connects the unpaved access road to Brookseed Drive. Additional facilities will be constructed at the termination points of the new pipeline, in order to connect and intertie the new line with existing facilities. The Project will provide a more efficient mode of supplying Dove Reservoir with water during peak demand periods. The Project will significantly reduce the risk of potential water transmission and distribution line breaks and system failures that could occur with the current mode of operation and existing system facilities. In addition, the Project will serve as an alternate means of water supply to Dove Reservoir while also providing a source of water for fire suppression purposes at the end of Brookseed Drive and at Dove Reservoir, both areas are adjacent to known fire hazard zones. During construction, homeowners at the end of Brookseed Drive will be temporarily impacted. Staff will be communicating and coordinating with the homeowners to minimize the inconvenience and to ensure the contractor maintains a safe, secure, and clean work environment.


Name of Agency Undertaking Project: **Trabuco Canyon Water District**

Contact Person: **Mr. Hector Ruiz, District Engineer**
Trabuco Canyon Water District
32003 Dove Canyon Dr.
Trabuco Canyon, CA 92679
(949) 858-0277 (telephone)
hruiz@tcwd.ca.gov

A copy of the Initial Study, the Draft Mitigated Negative Declaration, and all other documents and materials, which constitute the record of proceedings upon which TCWD's decision is based, are on file at the TCWD Administrative Offices located at 32003 Dove Canyon Drive, Trabuco Canyon, California 92679, under the supervision of Mr. Ruiz.

Date: December 15, 2012

By:


Hector Ruiz, District Engineer
Trabuco Canyon Water District

“DRAFT” MITIGATED NEGATIVE DECLARATION

(State Guidelines § 15071)

**Trabuco Canyon Water District
32003 Dove Canyon Dr.
Trabuco Canyon, CA 92679**

Project Name: Dove Reservoir/Trabuco Reservoir Intertie Project

General Project Location: City/Town: Trabuco Canyon County: Orange

Specific Project Location: Vicinity of Trabuco Canyon, California between Robinson Ranch and Dove Canyon, in a general .5 miles radius of 33° 38' 43.77", - 117° 33' 42.78. Diagrams and depictions of the Project location may be viewed within the Initial Study and on the Internet on TCWD's the District's website located at: <http://www.tcwd.ca.gov>

Description of Nature, Purpose and Beneficiaries of Project:

The Dove Reservoir/Trabuco Reservoir Intertie Project (“Project”) principally involves a water transmission pipeline and supporting infrastructure project. The Project is a water reliability project that will also provide a source of water for fire suppression purposes to areas between the end of Brookseed Drive, in Robinson Ranch, and the Dove Reservoir, located in the Dove Canyon Development Area, in those areas depicted in Figures 1-1 through 1-5. The Project will improve water supply and operations to the Dove Canyon Community.

Construction of the Project consists of approximately 3,500 feet of 10-inch high-density polyethylene pipeline with isolation valves, up to 5 fire hydrants, and a pressure sustaining/reducing valve located at the Dove Reservoir site. Construction of the project will be (1) beneath an existing graded, but unpaved access road, which extends from Brookseed Drive to the Dove Canyon Reservoir, and (2) within an existing driveway and roadway easement that connects the unpaved access road to Brookseed Drive. Additional facilities will be constructed at the termination points of the new pipeline, in order to connect and intertie the new line with existing facilities. The Project will provide a more efficient mode of supplying Dove Reservoir with water during peak demand periods. The Project will significantly reduce the risk of potential water transmission and distribution line breaks and system failures that could occur with the current mode of operation and existing system facilities. In addition, the Project will serve as an alternate means of water supply to Dove Reservoir while also providing a source of water for fire suppression purposes at the end of Brookseed Drive and at Dove Reservoir, both areas are adjacent to known fire hazard zones. During construction, homeowners at the end of Brookseed Drive will be temporarily impacted. Staff will be communicating and coordinating with the homeowners to minimize the inconvenience and to ensure the contractor maintains a safe, secure, and clean work environment.

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(949) 858-0277 (telephone)
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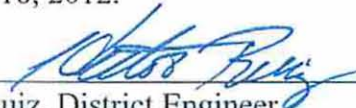
The Trabuco Canyon Water District proposes to take the following action concerning the above Project at the meeting of its Board of Directors meeting on January 18, 2012.

1. — A. Finds that on the basis of the whole record before it (including the Initial Study and any comments received), that there is no substantial evidence before the District that the Project will have a significant effect on the environment and that the Draft Mitigated Negative Declaration reflects the District's independent judgment and analysis.
- or -
- X B. Determined that any effects on the environment can be mitigated so that no significant effect can occur and ordered the preparation of a monitoring program in accordance with the provisions of CEQA.
2. X That pursuant to Public Resources Code Section 21092.6, District has consulted the lists compiled pursuant to Government Code Section 65962.5 and determined that the Project is not located on a site which is included on any such list.

A copy of the Initial Study and all other documents and materials, which constitute the record of proceedings upon which TCWD's decision is based is on file at TCWD's Business Offices located at 32003 Dove Canyon Drive, Trabuco Canyon, California 92679, and are available for review.

Mitigation measures adopted to reduce the impacts of the Project and the monitoring program adopted to ensure compliance with the mitigation measures are as follows: Attached as Attachment "A."

The Board of Directors will consider the adoption of the Mitigated Negative Declaration and approval of the Project at its regular meeting on January 18, 2012.



Hector Ruiz, District Engineer
Trabuco Canyon Water District



Date

ATTACHMENT A

TRABUCO CANYON WATER DISTRICT - DOVE RESERVOIR/TRABUCO RESERVOIR INTERTIE PROJECT

MITIGATION MEASURES & MONITORING

<u>Environmental Issue</u>	<u>Mitigation Measure(s)</u>	<u>Party Responsible For Monitoring</u>	<u>Compliance Action(s)</u>
III Air Quality b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?	With respect to potential short-term impacts presented by construction relative to violations of air quality standards or substantial contributions to existing or project air quality violations, any potential impact will be mitigated to a level of insignificance, as the Trabuco Canyon Water District ("TCWD") will utilize and implement standard South Coast Air Quality Management District ("SCAQMD") construction procedures to mitigate air quality effects.	Trabuco Canyon Water District - District Engineer & District construction inspector(s) TCWD will provide in the Contract documents that District contractor(s) shall comply with SCAQMD construction procedures to mitigate air quality effects.	TCWD will provide in the Contract documents that District contractor(s) shall comply with SCAQMD construction procedures to mitigate air quality effects. Air quality issues will be addressed with TCWD's contractor(s) if and when observed.
V Cultural Resources c) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	In the event archaeological or historic resources are exposed during soil disturbance, an archaeologist certified by the Society of Professional Archeologists will be contacted in order to determine the significance of the resources and what further steps may be required to mitigate any impacts presented by the discovery.	Trabuco Canyon Water District - District Engineer & District construction inspector(s) TCWD will, in the event that archaeological or historic resources are exposed during soil disturbance, review the resources and contact the referenced offices for examination of the resources and disposition as required under State law.	In the event archaeological or historic resources are exposed during soil disturbance, contact will promptly be made with applicable offices and resource managers to determine disposition of the resources. Work on the project will be suspended while assessment and disposition determinations are made.

<p>V Cultural Resources</p> <p>d) Disturb any human remains, including those interred outside of formal cemeteries?</p>	<p>In the event human remains are uncovered during soil disturbance, TCWD shall cease any further excavation or disturbance of the Project Site, and TCWD will immediately contact the Orange County Coroner in compliance with the California State Health and Safety Code Section 7050.5. TCWD will not resume excavation of the site until the Coroner has determined (1) that the remains are not subject to the provisions of Government Code Section 27491 or any other related provisions of law concerning the investigation of such circumstances, (2) the manner and cause of any death, and (3) the recommendations for the treatment and disposition of the human remains. If the Coroner determines that the remains are not subject to their jurisdiction and recognizes that the remains are Native American, TCWD shall cooperate with the Native American Heritage Commission to determine disposition of the remains prior to any further excavation.</p>	<p>Trabuco Canyon Water District - District Engineer & District construction inspector(s)</p> <p>TCWD's contractor will be responsible, through contractual obligation, to notify TCWD in the event human remains are uncovered during trenching or excavation. Additionally, TCWD's on-site inspector will be responsible for implementing this mitigation in the event human remains are uncovered.</p>	<p>In the event human remains are uncovered during soil disturbance, TCWD will immediately cease further excavation and will immediately contact the Orange County Coroner and implement the mitigation measure adopted.</p>
<p>XII Noise</p> <p>a) Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?</p>	<p>The temporary noise from the Project will be mitigated, in that TCWD will limit the construction time to construct the Project, except in emergencies or unusual circumstances, to daylight hours, Monday through Friday.</p>	<p>Trabuco Canyon Water District - District Engineer & District construction inspector(s)</p> <p>TCWD will provide in the Contract documents that District contractor(s) shall comply with stated construction and work hours and will not generate significant noise other than during listed work and</p>	<p>TCWD will provide in the Contract documents that District contractor(s) shall comply with stated construction and work hours and will not generate significant noise other than during listed work and construction hours.</p> <p>Noise issues or significant noise generation will be addressed with TCWD's contractor(s) if and when observed or reported.</p>

		construction hours.	
<p>XII Noise</p> <p>b) Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?</p>	<p>The temporary noise from the Project will be mitigated, in that TCWD will limit the construction time to construct the Project, except in emergencies or unusual circumstances, to daylight hours, Monday through Friday.</p>	<p>Trabuco Canyon Water District - District Engineer & District construction inspector(s)</p> <p>TCWD will provide in the Contract documents that District contractor(s) shall comply with stated construction and work hours and will not generate significant noise other than during listed work and construction hours.</p>	<p>TCWD will provide in the Contract documents that District contractor(s) shall comply with stated construction and work hours and will not generate significant noise other than during listed work and construction hours.</p> <p>Noise issues or significant noise generation will be addressed with TCWD's contractor(s) if and when observed or reported.</p>
<p>XII Noise</p> <p>d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?</p>	<p>The temporary noise from the Project will be mitigated, in that TCWD will limit the construction time to construct the Project, except in emergencies or unusual circumstances, to daylight hours, Monday through Friday.</p>	<p>Trabuco Canyon Water District - District Engineer & District construction inspector(s)</p> <p>TCWD will provide in the Contract documents that District contractor(s) shall comply with stated construction and work hours and will not generate significant noise other than during listed work and construction hours.</p>	<p>TCWD will provide in the Contract documents that District contractor(s) shall comply with stated construction and work hours and will not generate significant noise other than during listed work and construction hours.</p> <p>Noise issues or significant noise generation will be addressed with TCWD's contractor(s) if and when observed or reported.</p>

<p>XVI Traffic/Transportation</p> <p>a) Conflict with an applicable plan, ordinance or policy establishing measures of effectiveness for the performance of the circulation system, taking into account all modes of transportation including mass transit and non-motorized travel and relevant components of the circulation system, including but not limited to intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transit?</p>	<p>To the extent such impacts occur, it is anticipated that the impacts on traffic will be minimal, as TCWD will obtain an encroachment permit from the City of Rancho Santa Margarita ("RSM") and utilize currently accepted practices for traffic control in connection with such construction to the extent that public streets are impacted, including the use of flag men and other similar traffic control devices as may be required by TCWD and/or RSM. Such impacts will be limited only to those times of construction impacting existing roadways. As such, no significant impact is anticipated from the Project.</p> <p>With respect to the four existing homes impacted by the construction with the driveway easement, TCWD will communicate with the homeowner's so that they are aware of the construction and able to access their homes during such time as the construction will impact access to their homes. During the period of such construction, TCWD shall utilize plates and other acceptable methods to provide overnight access to the homes impacted by Project construction.</p>	<p>Trabuco Canyon Water District - District Engineer & District construction inspector(s)</p> <p>TCWD will provide in the Contract documents that District contractor(s) shall comply with the stated traffic plan and requirements.</p> <p>The contractor(s) shall be required to comply with stated construction and work hours so as to not generate traffic impacts other than during listed work and construction hours.</p> <p>TCWD will communicate with the homeowner's so that they are aware of the construction and able to access their homes during such time as the construction will impact access to their homes.</p> <p>During the period of such construction, TCWD shall utilize plates and other acceptable methods to provide overnight access to the homes impacted by Project construction.</p>	<p>TCWD will provide in the Contract documents that District contractor(s) shall comply with the stated traffic plan and requirements as required by the RSM encroachment permit.</p> <p>Stated work hours shall be observed.</p> <p>TCWD will communicate with the homeowner's so that they are aware of the construction and able to access their homes during such time as the construction will impact access to their homes.</p> <p>During the period of such construction, TCWD, or its contractor(s) shall utilize plates and other acceptable methods to provide overnight access to the homes impacted by Project construction.</p>
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<p>XVI Traffic/Transportation</p> <p>b) Conflict with an applicable congestion management program, including, but not limited to level of service standards and travel demand measures, or other standards established by the county congestion management agency for designated roads or highways?</p>	<p>To the extent such impacts occur, it is anticipated that the impacts on traffic will be minimal, as TCWD will obtain an encroachment permit from the City of Rancho Santa Margarita ("RSM") and utilize currently accepted practices for traffic control in connection with such construction to the extent that public streets are impacted, including the use of flag men and other similar traffic control devices as may be required by TCWD and/or RSM. Such impacts will be limited only to those times of construction impacting existing roadways. As such, no significant impact is anticipated from the Project.</p> <p>With respect to the four existing homes impacted by the construction with the driveway easement, TCWD will communicate with the homeowner's so that they are aware of the construction and able to access their homes during such time as the construction will impact access to their homes. During the period of such construction, TCWD shall utilize plates and other acceptable methods to provide overnight access to the homes impacted by Project construction.</p>	<p>Trabuco Canyon Water District - District Engineer & District construction inspector(s)</p> <p>TCWD will provide in the Contract documents that District contractor(s) shall comply with the stated traffic plan and requirements.</p> <p>The contractor(s) shall be required to comply with stated construction and work hours so as to not generate traffic impacts other than during listed work and construction hours.</p> <p>TCWD will communicate with the homeowner's so that they are aware of the construction and able to access their homes during such time as the construction will impact access to their homes.</p> <p>During the period of such construction, TCWD shall utilize plates and other acceptable methods to provide overnight access to the homes impacted by Project construction.</p>	<p>TCWD will provide in the Contract documents that District contractor(s) shall comply with the stated traffic plan and requirements as required by the RSM encroachment permit.</p> <p>Stated work hours shall be observed.</p> <p>TCWD will communicate with the homeowner's so that they are aware of the construction and able to access their homes during such time as the construction will impact access to their homes.</p> <p>During the period of such construction, TCWD, or its contractor(s) shall utilize plates and other acceptable methods to provide overnight access to the homes impacted by Project construction.</p>
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ENVIRONMENTAL INFORMATION FORM
CEQA GUIDELINES SECTION 15063

GENERAL INFORMATION

1. Name and address of developer or project sponsor:

Dove Reservoir/Trabuco Reservoir Intertie Project

2. Address of project:

Vicinity of Trabuco Canyon, California between Robinson Ranch and Dove Canyon, in a general .5 miles radius of 33° 38' 43.77", -117° 33' 42.78. Diagrams and depictions of the Project location may be viewed on the Internet on the District's website located at: <http://www.tcwd.ca.gov>.

3. Assessor's Block and Lot Number:

Orange County Assessor Parcel Nos. 804-541-24, 804-541-25, 833-061-63, 833-061-64, 833-641-046, and surrounding areas.

4. Name, address, and telephone number of person to be contacted concerning this project:

**Mr. Hector Ruiz, District Engineer
Trabuco Canyon Water District
32003 Dove Canyon Dr.
Trabuco Canyon, CA 92679
(949) 858-0277 (telephone)
hruiz@tcwd.ca.gov**

5. List and describe public approvals required for this project, including those required by city, regional, state and federal agencies:

The Project is within TCWD's service boundaries, and will be located within private property owned by Trabuco Highlands Community Association ("THCA") and Dove Canyon Masters Association ("DCMA"). TCWD is in the process of obtaining easements from THCA and DCMA. The Project will be funded from existing TCWD funds. No funding from outside sources is anticipated or required. No other agencies are involved in the construction process. The contractor will be selected by TCWD and will be subject to TCWD contracting requirements.

6. Existing zoning district

Open Space (Project is Exempt from Zoning)

7. Proposed use of site (Project for which this form is filed):

The Dove Reservoir/Trabuco Reservoir Intertie Project (“Project”) principally involves a water transmission pipeline and supporting infrastructure project. The Project is a water reliability project that will also provide a source of water for fire suppression purposes to areas between the end of Brookseed Drive, in Robinson Ranch, and the Dove Reservoir, located in the Dove Canyon Development Area, in those areas depicted in Figures 1-1 through 1-5. The Project will improve water supply and operations to the Dove Canyon Community.

Construction of the Project consists of approximately 3,500 feet of 10-inch high-density polyethylene pipeline with isolation valves, up to 5 fire hydrants, and a pressure sustaining/reducing valve located at the Dove Reservoir site. Construction of the project will be (1) beneath an existing graded, but unpaved access road, which extends from Brookseed Drive to the Dove Canyon Reservoir, and (2) within an existing driveway and roadway easement that connects the unpaved access road to Brookseed Drive. Additional facilities will be constructed at the termination points of the new pipeline, in order to connect and intertie the new line with existing facilities. The Project will provide a more efficient mode of supplying Dove Reservoir with water during peak demand periods. The Project will significantly reduce the risk of potential water transmission and distribution line breaks and system failures that could occur with the current mode of operation and existing system facilities. In addition, the Project will serve as an alternate means of water supply to Dove Reservoir while also providing a source of water for fire suppression purposes at the end of Brookseed Drive and at Dove Reservoir, both areas are adjacent to known fire hazard zones. During construction, homeowners at the end of Brookseed Drive will be temporarily impacted. Staff will be communicating and coordinating with the homeowners to minimize the inconvenience and to ensure the contractor maintains a safe, secure, and clean work environment.

PROJECT DESCRIPTION:

- | | | |
|-----|--|-------------------|
| 8. | Site size: | Approx. 1.6 acres |
| 9. | Square footage of buildings: | N/A |
| 10. | Number of floors of construction: | N/A |
| 11. | Amount of off-street parking provided. | None |

Are the following items applicable to the project or its effects? Discuss below all items checked yes (attach additional sheets as necessary).

YES NO

- | | | |
|-----|----------|--|
| ___ | <u>X</u> | 12. Change in existing features of any bays, tidelands, beaches, lakes or hills, or substantial alteration of ground contours. |
| ___ | <u>X</u> | 13. Change in scenic views or vistas from existing residential areas or public lands or roads. |
| ___ | <u>X</u> | 14. Change in pattern, scale or character of general areas of project. |
| ___ | <u>X</u> | 15. Significant amounts of solid waste or litter. |
| ___ | <u>X</u> | 16. Change in dust, ash, smoke, fumes or odors in vicinity. |
| ___ | <u>X</u> | 17. Change in ocean, bay, lake, stream or ground water quality or quantity, or alteration of existing drainage patterns. |
| ___ | <u>X</u> | 18. Substantial change in existing noise or vibration levels in the vicinity. |
| ___ | <u>X</u> | 19. Site on filled land or on slope of 10 percent or more. |
| ___ | <u>X</u> | 20. Use or disposal of potentially hazardous materials, such as toxic substances, flammables or explosives. |
| ___ | <u>X</u> | 21. Substantial change in demand for municipal services (police, fire, water, sewage, etc.). |
| ___ | <u>X</u> | 22. Substantially increase fossil fuel consumption (electricity, oil, natural gas, etc.) |
| ___ | <u>X</u> | 23. Relationship to larger project or series of projects. |

ENVIRONMENTAL SETTING:

24. Describe the project site as it exists before the project, including information on topography, soil stability, plants and animals, and any cultural, historical or scenic aspects. Describe any existing structures on the site, and the use of the structures.

The Project Site is currently an existing access road, connecting Brookseed Drive in Robinson Ranch to the Dove Canyon Reservoir. The Project will consist of a pipeline constructed beneath the existing access road. The areas surrounding the Project Site are zoned for open space purposes, and remain generally in their natural state.

25. Describe the surrounding properties, including information on plants and animals and any cultural, historical or scenic aspects. Indicate the type of land use (residential, commercial, etc.), intensity of land use (one-family, apartment houses, shops, department stores, etc.), and scale of development (height, frontage, set-back, rear yard, etc.).

The Project is primarily situated in open space area, along an existing unpaved and graded access road that is adjacent to several existing residential communities, including Robinson Ranch and Dove Canyon. The access road can be used by landscaping companies of the Trabuco Highlands Community Association ("THCA") and Dove Canyon Masters Association ("DCMA"). In the past, the

access road has also been used by the County of Orange, TCWD, and the Orange County Fire Authority. A portion of the Project itself is situated within existing pipeline easements, and will involve the construction of new water pipelines within such existing right-of-way. An overview of the Project area is provided by Figures 1-1 and 1-5 within the Initial Study.

District staff, having undertaken and completed an Initial Study of this project in accordance with Section 15063 of the "State Guidelines for Implementation of the California Environmental Quality Act," for the purpose of ascertaining whether the proposed project might have a significant effect on the environment, has reached the following conclusion:

- ☐ 1. The Initial Study shows that there is no substantial evidence, in light of the whole record before the District, that the Project may have a significant effect on the environment.
- ☒ 2. The project could have a significant effect on the environment; however, there will not be a significant effect in this case because the mitigation measures described on an attached sheet have been added to the project. A monitoring program, also described on the attached sheet, has been implemented to ensure compliance with the mitigation measures or changes to the project which have been made a condition of project approval in order to mitigate or avoid significant effects on the environment.
- ☐ 3. The project may have a significant effect on the environment; therefore, an Environmental Impact Report is required.

CERTIFICATION: I hereby certify that the statements furnished above and in the attached exhibits present the data and information required for this initial evaluation to the best of my ability, and that the facts, statements, and information presented are true and correct to the best of my knowledge and belief.

Date: December 15, 2011

By: Hector Ruiz
Hector Ruiz
District Engineer
Trabuco Canyon Water District

**ENVIRONMENTAL CHECKLIST FORM
FOR INITIAL STUDY**

1. Project Title: **Dove Reservoir/Trabuco Reservoir Intertie Project**
2. Lead Agency Name and Address: **Trabuco Canyon Water District ("TCWD")
32003 Dove Canyon Dr.
Trabuco Canyon, CA 92679**
3. Contact Person and Phone Number: **Hector Ruiz, District Engineer
(949) 858-0277**
4. Project Location: **Vicinity of Trabuco Canyon, California between Robinson Ranch and Dove Canyon, in a general .5 miles radius of 33° 38' 43.77", -117° 33' 42.78. Project location more particularly described in Figures 1-1 through 1-5.**
5. Project sponsor's name and address: **Trabuco Canyon Water District
32003 Dove Canyon Dr.
Trabuco Canyon, CA 92679**
6. General plan description: **Project is Exempt from General Plan Compliance
(Government Code § 53091)**
7. Zoning: **Project is Exempt from Zoning Compliance
(Government Code § 53091)**
8. Description of Project (Describe the whole action involved, including but not limited to later phases of the project, and any secondary, support, or off-site features necessary for its implementation. Attach additional sheets if necessary.)

The Dove Reservoir/Trabuco Reservoir Intertie Project ("Project") principally involves a water transmission pipeline and supporting infrastructure project. The Project is a water reliability project that will also provide a source of water for fire suppression purposes to areas between the end of Brookseed Drive, in Robinson Ranch, and the Dove Reservoir, located in the Dove Canyon Development Area, in those areas depicted in Figures 1-1 through 1-5. The Project will improve water supply and operations to the Dove Canyon Community.

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connect and intertie the new line with existing facilities. The Project will provide a more efficient mode of supplying Dove Reservoir with water during peak demand periods. The Project will significantly reduce the risk of potential water transmission and distribution line breaks and system failures that could occur with the current mode of operation and existing system facilities. In addition, the Project will serve as an alternate means of water supply to Dove Reservoir while also providing a source of water for fire suppression purposes at the end of Brookseed Drive and at Dove Reservoir, both areas are adjacent to known fire hazard zones. During construction, homeowners at the end of Brookseed Drive will be temporarily impacted. Staff will be communicating and coordinating with the homeowners to minimize the inconvenience and to ensure the contractor maintains a safe, secure, and clean work environment.

9. Surrounding land uses and setting: Briefly describe the project's surroundings:

The Project is primarily situated in open space area, along an existing unpaved and graded access road that is adjacent to several existing residential communities, including Robinson Ranch and Dove Canyon. The access road can be used by landscaping companies of the Trabuco Highlands Community Association ("THCA") and Dove Canyon Masters Association ("DCMA"). In the past, the access road has also been used by the County of Orange, TCWD, and the Orange County Fire Authority. A portion of the Project itself is situated within existing pipeline easements, and will involve the construction of new water pipelines within such existing right-of-way. An overview of the Project area is provided by Figures 1-1 and 1-5.

10. Public agencies whose approval is required:
(e.g., permits, financial approval, or participation agreements.)

The Project is within TCWD's service boundaries, and will be located within private property owned by THCA and DCMA. TCWD is in the process of obtaining easements from THCA and DCMA. The Project will be funded from existing TCWD funds. No funding from outside sources is anticipated or required. No other agencies are involved in the construction process. The contractor will be selected by TCWD and will be subject to TCWD contracting requirements.

ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED:


The environmental factors checked below would be potentially affected by this project, involving at least one impact that is a "Potentially Significant Impact" as indicated by the checklist on the following pages. Please see the checklist on the following pages for additional information.

- | | | |
|---|--|---|
| <input type="checkbox"/> Aesthetics | <input type="checkbox"/> Agriculture and Forestry | <input type="checkbox"/> Air Quality |
| <input type="checkbox"/> Biological Resources | <input type="checkbox"/> Cultural Resources | <input type="checkbox"/> Geology/Soils |
| <input type="checkbox"/> Greenhouse Gas Emissions | <input type="checkbox"/> Hazards and Hazardous Materials | <input type="checkbox"/> Hydrology/Water Quality |
| <input type="checkbox"/> Land Use/Planning | <input type="checkbox"/> Mineral Resources | <input type="checkbox"/> Noise |
| <input type="checkbox"/> Population/Housing | <input type="checkbox"/> Public Services | <input type="checkbox"/> Recreation |
| <input type="checkbox"/> Transportation/Traffic | <input type="checkbox"/> Utilities/Service Systems | <input type="checkbox"/> Mandatory Findings of Significance |

DETERMINATION:

On the basis of this initial evaluation:

- ☐ I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.
- ☒ I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.
- ☐ I find that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.
- ☐ I find that the proposed project MAY have "potentially significant impact" or "potentially significant unless mitigated" impact on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed
- ☐ I find that although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards and (b) have been avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.



Hector Ruiz
District Engineer
Trabuco Canyon Water District

December 15, 2011
Date

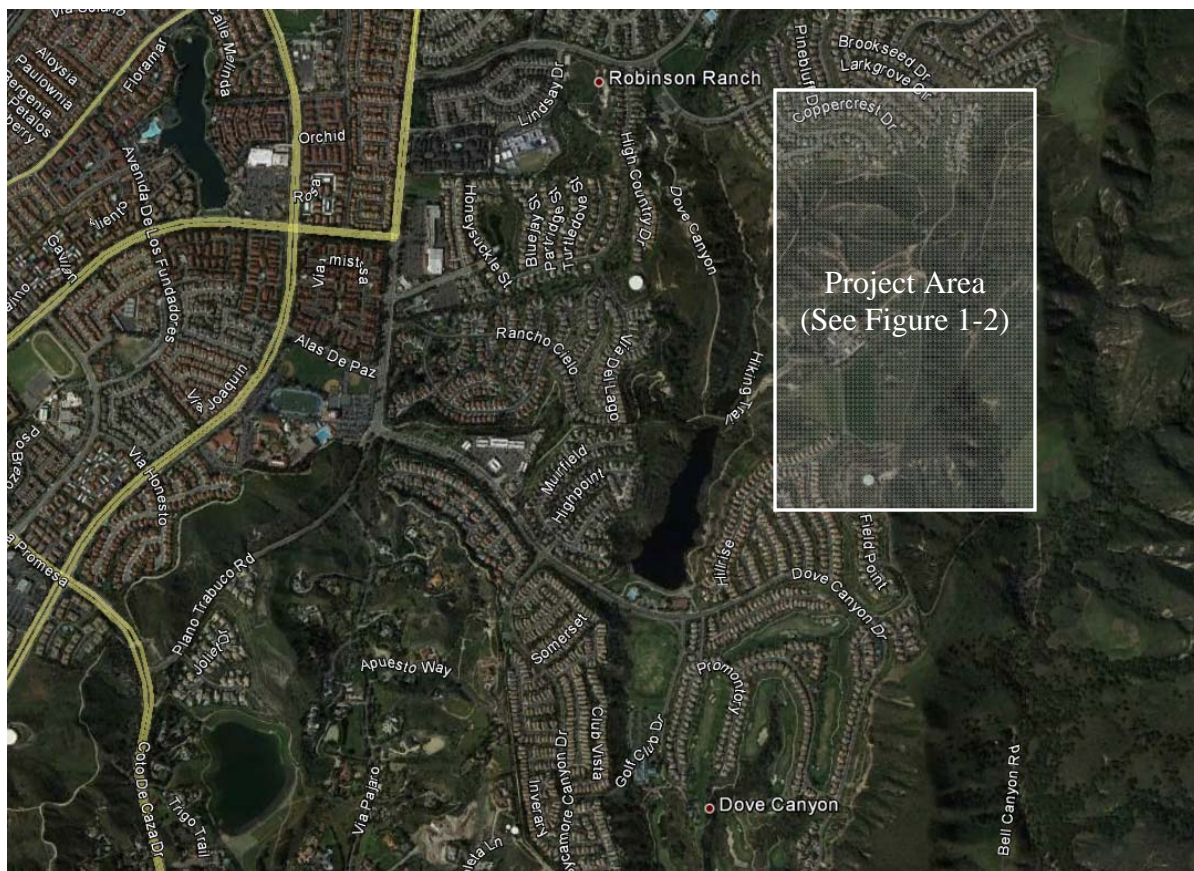


Figure 1-1 (Aerial Overview of Project Area)



Figure 1-2 (Aerial View of Project Area/Pipeline Alignment)

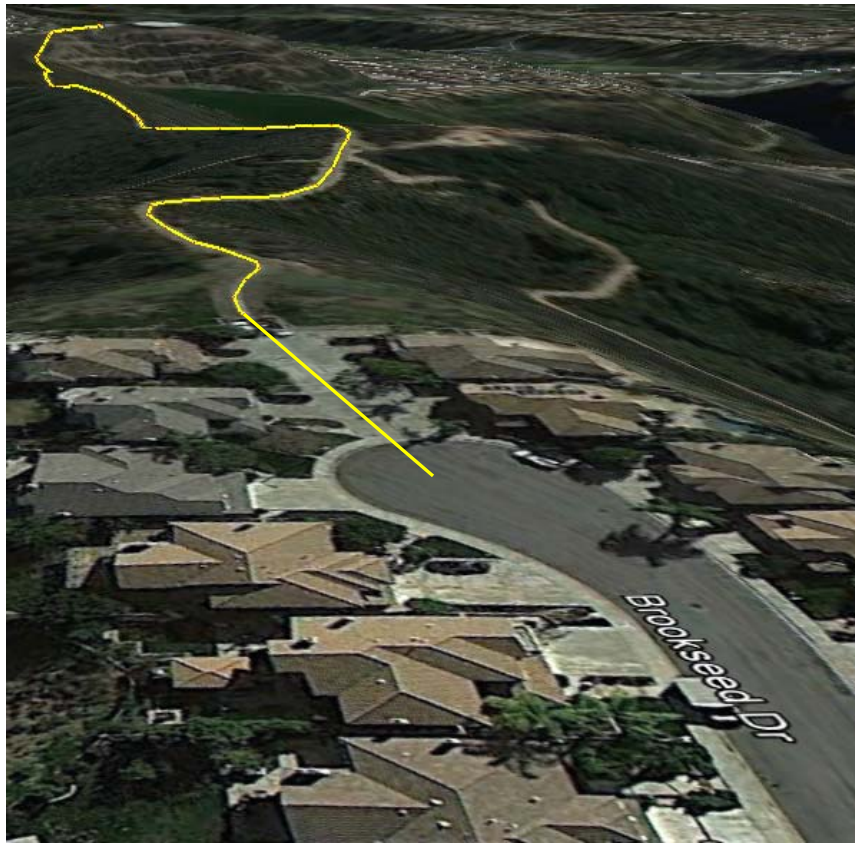


Figure 1-3 (Southward View of Project Area from Brookseed Drive toward Dove Reservoir)



Figure 1-4 (Northward view of Project Area from Dove Reservoir towards Brookseed Drive)

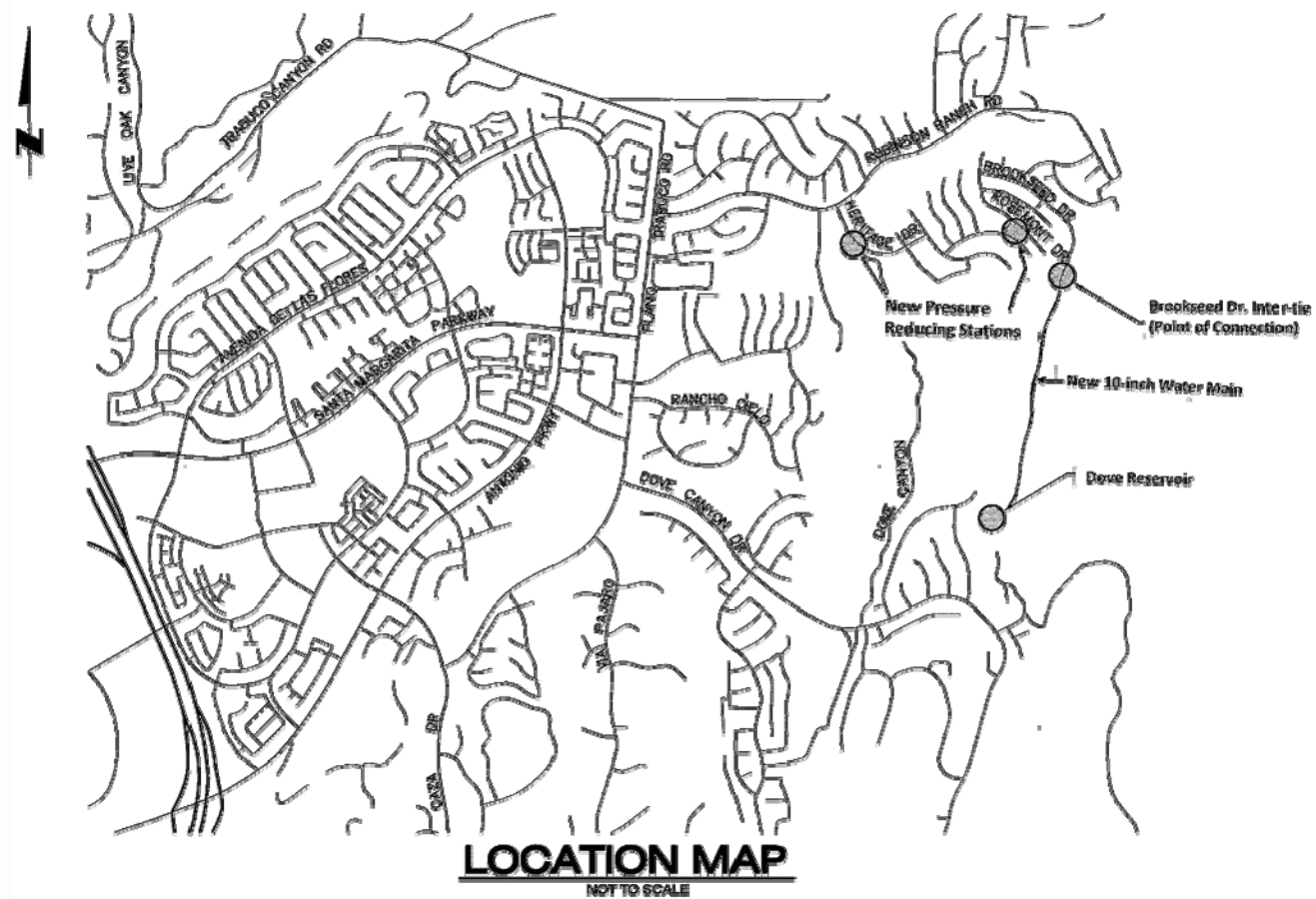


Figure 1-5 (Project Schematic)

EVALUATION OF ENVIRONMENTAL IMPACTS:

1) A brief explanation is required for all answers except "No Impact" answers that are adequately supported by the information sources a lead agency cites in the parentheses following each question. A "No Impact" answer is adequately supported if the referenced information sources show that the impact simply does not apply to projects like the one involved (e.g. the project falls outside a fault rupture zone). A "No Impact" answer should be explained where it is based on project-specific factors as well as general standards (e.g. the project will not expose sensitive receptors to pollutants, based on a project-specific screening analysis).

2) All answers must take account of the whole action involved, including off-site as well as on-site, cumulative as well as project-level, indirect as well as direct, and construction as well as operational impacts.

3) Once the lead agency has determined that a particular physical impact may occur, then the checklist answers must indicate whether the impact is potentially significant, less than significant with mitigation, or less than significant. "Potentially Significant Impact" is appropriate if there is substantial evidence that an effect is significant. If there are one or more "Potentially Significant Impact" entries when the determination is made, an EIR is required.

4) "Negative Declaration: Less than Significant With Mitigation Incorporated" applies where the incorporation of mitigation measures has reduced an effect from "Potentially Significant Impact" to a "Less than Significant Impact." The lead agency must describe the mitigation measures, and briefly explain how they reduce the effect to a less than significant level (mitigation measures from Section XVII, "Earlier Analyses," may be cross-referenced).

5) Earlier analyses may be used where, pursuant to the tiering, program EIR, or other CEQA process, an effect has been adequately analyzed in an earlier EIR or negative declaration. Section 15063(c)(3)(D). In this case, a brief discussion should identify the following:

- a) Earlier Analysis Used. Identify and state where they are available for review.
- b) Impacts Adequately Addressed. Identify which effects from the above checklist were within the scope of and adequately analyzed in an earlier document pursuant to applicable legal standards, and state whether such effects were addressed by mitigation based on the earlier analysis.
- c) Mitigation Measures. For effects that are "Less than Significant with Mitigation measures Incorporated," describe the mitigation measures which were incorporated or refined from the earlier document and the extent to which they address site-specific conditions for the project.

6) Lead agencies are encouraged to incorporate into the checklist references to information sources for potential impacts (e.g. general plans, zoning ordinances). Reference to a previously prepared or outside document should, where appropriate, include a reference to the page or pages where the statement is substantiated.

7) Supporting Information Sources: A source list should be attached, and other sources used or individuals contacted should be cited in the discussion.

8) This is only a suggested form, and lead agencies are free to use different ones. However, lead agencies should normally address the questions from this checklist that are relevant to a project's environmental effects in whatever format is selected.

9) The explanation of each issue should identify:

- a) The significance criteria or threshold, if any, used to evaluate each question; and
- b) The mitigation measure identified, if any, to reduce the impact to less than significance.

Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
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Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
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I. AESTHETICS: Would the project:

a) Have a substantial adverse effect on a scenic vista	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Substantially degrade the existing visual character or quality of the site and its surroundings?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Source/Explanation: The Project will be constructed in an unpaved access road and within an easement for waterline purposes and within an open space area, which is visible to two neighboring residential developments, both in Robinson Ranch and Dove Canyon. During the period of construction, scenic views from some of these homes will be able to see the construction activities, potentially impacting such views. Such impacts, however, will be temporary, only lasting for the duration of construction. With the exception of a few fire hydrants, the pipelines will be constructed underground, such that, once the Project is complete, the views will no longer be impacted. As such, any impacts on view are merely temporary, and such temporary the impacts are deemed to be less than significant.

Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
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II. AGRICULTURE AND FOREST RESOURCES: In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Dept. of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment Project; and the forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board. Would the project:

- | | | | | |
|--|--------------------------|--------------------------|--------------------------|-------------------------------------|
| a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) Conflict with existing zoning for agricultural use, or a Williamson Act contract? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| d) Result in the loss of forest land or conversion of forest land to non-forest use? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Source/Explanation: The Project Area is not used, nor zoned, for agricultural purposes, nor is located a forest area. The Project is not situated in the nearby Cleveland National Forest, and thus will not impact forest resources within that natural resource. Construction of the Project will be within an existing access road.

Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
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III. AIR QUALITY: Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations. Would the project:

a) Conflict with or obstruct implementation of the applicable air quality plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non- attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) Expose sensitive receptors to substantial pollutant concentrations?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e) Create objectionable odors affecting a substantial number of people?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Source/Explanation: Construction and installation activities associated with Project development will generate emissions. These impacts, however, will be temporary and short-term in nature in that they would be limited to the time and area of construction. Therefore, construction would not add to long-term air quality degradation. With respect to those short-term impacts presented by construction relative to violations of air quality standards or substantial contributions to existing or project air quality violations, any potential impact will be mitigated to a level of insignificance, as the District will utilize and implement standard South Coast Air Quality Management District ("SCAQMD") construction procedures to mitigate air quality effects. Such construction and installation impacts, however, will exist only during the time of construction, and thus will be temporary. Accordingly, due to the temporary nature of the impacts, the Project will have a less than significant impact on air quality resources.

IV. BIOLOGICAL RESOURCES: Would the project:

a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, and regulations or by the California Department of Fish and Game or US Fish and Wildlife Service?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
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native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?

e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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Source/Explanation: The Project will be limited in scope both in duration and magnitude. Project activities will be limited to the existing and proposed pipeline easement beneath an existing unpaved access road and portions of existing driveway and roadway, and will not impact or otherwise involve modifications to the surrounding open space areas. As such, the Project will not have a significant impact on local biological resources.

V. CULTURAL RESOURCES: Would the project:

a) Cause a substantial adverse change in the significance of a historical resource as defined in §15064.5?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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c) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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d) Disturb any human remains, including those interred outside of formal cemeteries?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Source/Explanation: The District is not aware, nor has it identified, any cultural resource sites within the vicinity of the Project area. Nevertheless, any potential effects on archaeological, historical or cultural resources will be mitigated to below the level of significance by the mitigation measures proposed by the Draft Mitigated Negative Declaration, including that, in the event archaeological or historic resources are exposed during soil disturbance, an archaeologist certified by the Society of Professional Archeologists will be contacted in order to determine the significance of the resources and what further steps may be required to mitigate any impacts presented by the discovery. In the event human remains are uncovered during soil disturbance, the District shall cease any further excavation or disturbance of the Project Site, and the District will immediately contact the Orange County Coroner in compliance with the California State Health and Safety Code Section 7050.5. The District will not resume excavation of the site until the Coroner has determined (1) that the remains are not subject to the provisions of Government Code Section 27491 or any other related provisions of law concerning the investigation of such circumstances, (2) the manner and cause of any death, and (3) the recommendations for the treatment and disposition of the human remains. If the Coroner determines that the remains are not subject to their jurisdiction and recognizes that the remains are Native American, the District shall cooperate with the Native American Heritage Commission to determine disposition of the remains prior to any further excavation.

Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
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VI. GEOLOGY AND SOILS: Would the project:

a) Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:

i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42?

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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ii) Strong seismic ground shaking?

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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iii) Seismic-related ground failure, including liquefaction?

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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iv) Landslides?

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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b) Result in substantial soil erosion or the loss of topsoil?

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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e) Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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Source/Explanation: The Trabuco Canyon Water District ("TCWD") is not aware of any faults indicated across the Project area, nor does the Orange County Alquist-Priolo Earthquake Fault Zone maps indicate any faults in the area of the Project. To the extent the construction of the pipeline may present a limited risk of soil movement or erosion, TCWD will require the utilization of shoring and other soil stabilization methods certified by the Occupational Safety and Health Administration ("OSHA"). The Project Area is currently located within an existing dirt access road, which is graded and void of vegetation. To extent, however, construction activities impact vegetation adjacent to the access road, TCWD will replant native or compatible vegetation in such areas following construction, in order to minimize the risk of landslides and erosion. TCWD will also use appropriate erosion control methods to prevent or reduce erosion effects on areas where trenching is undertaken or significant amount of soils or cover is moved and/or stored. As such, the Project is not anticipated to create any additional geological or soil impacts.

Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
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VII. GREENHOUSE GAS EMISSIONS: Would the project:

- | | | | | |
|--|--------------------------|--------------------------|-------------------------------------|-------------------------------------|
| a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Source/Explanation: The construction process shall be completed in a manner so as to comply with the applicable standards set forth by the SCAQMD. Moreover, in addition to methods to reduce greenhouse gas emissions during the duration of the Project through the utilization of SCAQMD procedures, the completion of the Project will provide greater reliability in water service in the Project Area in the event of local fires. The increased fire suppression benefits from the Project will substantially assist in fire-fighting efforts, which, in turn would, in the event of a fire in the region, assist in reducing greenhouse gases and airborne contaminants (such as ash and smoke) and resulting greenhouse emissions including, but not limited to, carbon dioxide. As such, it is anticipated that the Project will have a less than significant impact on greenhouse gas emissions and may have a long-term positive impact on greenhouse gas levels.

VIII. HAZARDS AND HAZARDOUS MATERIALS: Would the project:

- | | | | | |
|--|--------------------------|--------------------------|--------------------------|-------------------------------------|
| a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| f) For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
g) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
h) Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Source/Explanation: The Project does not involve, and will not otherwise utilize, hazardous materials.

IX. HYDROLOGY AND WATER QUALITY – Would the project:

a) Violate any water quality standards or waste discharge requirements?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on- or off-site?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) Otherwise substantially degrade water quality?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
g) Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
h) Place within a 100-year flood hazard area structures which would impede or redirect flood flows?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
i) Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
j) Inundation by seiche, tsunami, or mudflow	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Source/Explanation: The Project involves only the construction of a potable water transmission line to serve the local population and the District's service requirements. The Project does not propose to affect local groundwater resources, nor does the Project involve construction that would be negatively impacted by a 100-year flood. As such, it is not anticipated that the Project will create any significant impacts as to hydrology or water quality.

X. LAND USE AND PLANNING – Would the project:

a) Physically divide an established community?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Conflict with any applicable habitat conservation plan or natural community conservation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Source/Explanation: The Project will not divide an established community, nor conflict with a habitat conservation plan or any applicable land use plans, policies, or regulations. As such, no impact is anticipated on land use and planning.

XI. MINERAL RESOURCES: Would the project:

a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Source/Explanation: There is no indication of historic mining and no known mineral resources are present on the site. Accordingly, the Project will not adversely impact any mineral resources.

XII. NOISE: Would the project result in:

a) Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
c) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Source/Explanation: Short-term increases in noise levels will be generated during construction activities. Such noises will be temporary, and will not result in any permanent increases in noise in the Project Area. Furthermore, the temporary noise from the Project will be mitigated, in that TCWD will limit the construction time to construct the Project, except in emergencies or unusual circumstances, to daylight hours, Monday through Friday. As such, the temporary noise impacts of the project will be mitigated to a less than significant level.

The Project is not located within two miles of a public or private airstrip.

XIII. POPULATION AND HOUSING: Would the project:

a) Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Source/Explanation: The Project will not result in the displacement or movement of any housing. Additionally, the Project is designed to support existing development in the Project area, and will not itself result in a population growth in the area.

XIV. PUBLIC SERVICES:

a) Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically

Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
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altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:

Fire protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Police protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Schools?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Parks?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other public facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Source/Explanation: The Project will not result in any adverse impacts to fire protection, police protection, schools, or parks. In fact, the increased water reliability for fire services that will be accomplished by the Project will be a positive impact on fire protection services.

XV. RECREATION:

a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Source/Explanation: The Project will have no impacts on existing recreational facilities.

XVI. TRANSPORTATION/TRAFFIC: Would the project:

a) Conflict with an applicable plan, ordinance or policy establishing measures of effectiveness for the performance of the circulation system, taking into account all modes of transportation including mass transit and non-motorized travel and relevant components of the circulation system, including but not limited to intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transit?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Conflict with an applicable congestion management program, including, but not limited to level of service standards and travel demand measures, or other standards established by the county congestion management agency for designated roads or highways?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
c) Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Result in inadequate emergency access?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) Conflict with adopted policies, plans or programs regarding public transit, bicycle, or pedestrian facilities, or otherwise decrease the performance or safety of such facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Source/Explanation: Impacts of the Project on traffic will be limited to those areas of the Project that involve crossing existing streets or intersections, including, primarily the installation of pipeline beneath an existing driveway that currently serves four homes. Beyond the installation of pipeline at this location, the Project will only impact surrounding traffic as needed to accommodate construction vehicles. A minimal number of earth-moving equipment (such as skip loaders and smaller backhoes) are expected to be used as part of this Project.

To the extent such impacts occur, it is anticipated that the impacts on traffic will be minimal, as the District will obtain an encroachment permit from the City of Rancho Santa Margarita ("RSM") and utilize currently accepted practices for traffic control in connection with such construction to the extent that public streets are impacted, including the use of flags men and other similar traffic control devices as may be required by TCWD and/or RSM. Such impacts will be limited only to those times of construction impacting existing roadways. As such, no significant impact is anticipated from the Project.

With respect to the four existing homes impacted by the construction with the driveway easement, TCWD will communicate with the homeowner's so that they are aware of the construction and able to access their homes during such time as the construction will impact access to their homes. During the period of such construction, TCWD shall utilize plates and other acceptable methods to provide overnight access to the homes impacted by Project construction.

XVII. UTILITIES AND SERVICE SYSTEMS: Would the project:

a) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
d) Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
g) Comply with federal, state, and local statutes and regulations related to solid waste?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Source/Explanation: The Project will assist in providing reliable water service and a source of additional fire water within the Project area, and will not have an impact on other utilities, except as noted in Section XIV. With respect to other public facilities, the Project may result in limited and short-duration service interruptions to some TCWD customers on Brookseed Drive in Robinson Ranch. The District will communicate with these customers to minimize disruption effects on such customers. Wastewater and sanitary services will not be impacted. Accordingly, the impacts on public services are expected to be less than significant.

XVIII. MANDATORY FINDINGS OF SIGNIFICANCE -

a) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>